

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	10	("5394489"   "5745613"   "5960141"   "5987050"   "6192170"   "6236771"   "6271947"   "6275317"   "6542268"   "6700517").PN. OR ("7010185").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 07:56
L3	12	("4699452"   "4835782"   "4959826"   "5329396"   "5473625"   "5477368"   "5721456"   "5892607"   "6185232"   "6200309"   "6331908"   "6396856").PN. OR ("6678294").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 08:11
L4	12	("5007705"   "5058977"   "5159601"   "5321718"   "5323404"   "5392308"   "5446809"   "5469520"   "5912910").PN. OR ("6301273").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 08:17
L5	12	("4791631"   "4866720"   "5333142"   "5345457"   "5408481"   "5412674"   "5740190"   "5828424"   "5912910").PN. OR ("6256327").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 08:21
L6	62	("4344042"   "4528464"   "4529273"   "4769820"   "4778261"   "4803429"   "4972156"   "5025488"   "5038359"   "5170268"   "5243610"   "5291326"   "5295013"   "5596667").PN. OR ("5798853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 08:30
L7	1218	359/326.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:01
L8	317	359/330.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 08:41
L9	40	359/331.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 08:38
L10	11	("3628186"   "5047668"   "5079445"   "5227911"   "5276548").PN. OR ("5812305").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 09:11

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L11	11	("5015054"   "5047668"   "5053641"   "5062112"   "5577058"   "5606453").PN. OR ("5796513").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 09:16
L12	13	("3662183"   "4639923"   "5134622"   "5265116").PN. OR ("5606453").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 09:21
L13	16	("3662183").URPN.	USPAT	OR	ON	2006/03/09 09:22
L14	25	("3530301"   "3619637"   "3629601"   "3629602"   "3778635"   "3792287"   "3947688"   "4331891"   "4763019"   "4784450").PN. OR ("4897562").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 09:34
L15	249	L7 and ("Difference-frequency" or "difference frequency" or (difference near2 frequency) or heterodyne)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:29
L16	0	("2005/0213193").URPN.	USPAT	OR	ON	2006/03/09 09:45
L17	347	"372".clas. and heterodyne	USPAT	OR	ON	2006/03/09 10:21
L18	9	("3364433"   "3390278"   "3600600").PN. OR ("3778635").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 10:00
L19	509	L7 not L15	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 10:00
L20	969	359/326.ccls. not L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:01
L21	172	("Difference-frequency" or "difference frequency" or (difference near2 frequency) or heterodyne) and (fiber near2 (array or amplif\$4)) and parametric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:30
L36	47	"372".clas. and ((fiber near2 amplif\$4) and (OPA (optic\$3 adj2 parametric adj2 amplifi\$6)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:06
L37	80	"359".clas. and ((fiber near2 amplif\$4) and (OPA (optic\$3 adj2 parametric adj2 amplifi\$6)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:06

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L38	103	36 37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:07
L39	58	"372".clas. and ((fiber near2 laser) and (OPA (optic\$3 adj2 parametric adj2 amplifi\$6)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:06
L40	65	"359".clas. and ((fiber near2 laser) and (OPA (optic\$3 adj2 parametric adj2 amplifi\$6)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:06
L41	126	36 37 39 40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:22
L42	1	((fiber near2 amplif\$4) and ((parametric near2 amplif\$4) or OPA) and (phase near2 modulat\$3) and array).clm.	US-PGPUB	OR	ON	2006/03/09 11:24
L43	3	((fiber near2 amplif\$4) and ((parametric near2 amplif\$4) or OPA) and (phase near2 modulat\$3)).clm.	US-PGPUB	OR	ON	2006/03/09 11:24
S1	14	("5694408" "5832006" "6061170" "6147755" "6229616" "6243168" "6366356").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/27 16:44
S2	673	372/21.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:25
S3	186	S2 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 07:58
S4	673	372/21.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 07:58

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S5	142	S4 and ("Difference-frequency" or "difference frequency" or (difference near2 frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 09:34
S6	16	("4907237"   "5038352"   "5095491"   "5111468"   "5159601"   "5206868"   "5297156"   "5394414"   "5854865"   "5912740"   "5946129"   "5974059"   "6021141"   "6069903"   "6175579").PN. OR ("6763042").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:24
S7	186	S4 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 10:24
S8	379	S4 not (S5 or S7)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:24
S9	26	("4648092"   "4757268"   "4761059"   "4833683"   "4907238").PN. OR ("5121400").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:14
S10	62	("4344042"   "4528464"   "4529273"   "4769820"   "4778261"   "4803429"   "4972156"   "5025488"   "5038359"   "5170268"   "5243610"   "5291326"   "5295013"   "5596667").PN. OR ("5798853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:21
S11	25	("3530301"   "3619637"   "3629601"   "3629602"   "3778635"   "3792287"   "3947688"   "4331891"   "4763019"   "4784450").PN. OR ("4897562").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:30
S12	20	("4321550"   "4429393"   "4757268"   "4815079"   "5119383"   "5121400"   "5208699"   "5233673"   "5367527"   "5373526"   "5541947"   "5568309"   "5596667"   "5729380"   "5920588"   "6363087"   "6400871"   "6404784").PN. OR ("6480327").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:39

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S13	17	("4757268"   "5347525"   "5694408"   "5717516"   "5747720"   "5774490"   "5790287"   "5832006"   "5847816"   "5905586"   "5991058"   "6200309"   "6219360"   "6366356"   "6377591"   "6404784"   "6480327").PN. OR ("6678288").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:45
S14	6	("5233673"   "6233085").PN. OR ("6400871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:47
S15	14	("4815079"   "4847477"   "5087108"   "5121460"   "5198607"   "5218665"   "5291501"   "5373576"   "5461692"   "5530709"   "5566196").PN. OR ("6366356").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:49
S16	16	("5172387"   "5182759"   "5485480"   "5594747").PN. OR ("6061170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 11:50
S17	11	("20010016014"   "20030132800"   "5233673"   "5694408"   "5737459"   "5946130"   "6233085"   "6400871"   "6417948"   "6580534").PN. OR ("6882781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 12:02
S18	37	("4472053"   "4757268"   "4792230"   "4794345"   "4918517"   "4922480"   "5095487"   "5373526"   "5392154"   "5400350"   "5530544"   "5631758"   "5696782"   "5729369"   "5754292"   "5805759"   "5847863"   "5907429"   "5912751"   "5978119"   "6025911"   "6081369"   "6181463"   "6198568"   "6200309"   "6219360"   "6229940"   "6233085"   "6249630"   "6256141"   "6256328"   "6281471"   "6314115"   "6366356"   "6389046"   "6400871").PN. OR ("6570704").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 12:07
S19	15	("20010005273"   "3536922"   "3764213"   "3825845"   "4661786"   "5450223"   "5661582"   "5940045"   "6016219"   "6061170"   "6271953"   "6297897"   "6590685"   "6665063").PN. OR ("6856456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 12:24

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S20	14	("3691483"   "3727223"   "3731103"   "3764213"   "3825845"   "4163954"   "4484144").PN. OR ("4661786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 12:25
S21	10	("4661786"   "4937539"   "5151814"   "5577138"   "5694408"   "5717516"   "5862279"   "6200309"   "6275250"   "6519385").PN. OR ("6597836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 12:27
S22	1292	372/6.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 12:28
S23	142	S22 and ("Difference-frequency" or "difference frequency" or (difference near4 frequency) or parametric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:29
S24	444	S22 and ("Difference-frequency" or "difference frequency" or (difference near4 frequency) or parametric or nonlinear or "non-linear" or "non linear")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:24
S25	2	("5832006").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/08 14:50
S26	848	S22 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 14:50
S27	216	S26 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:04
S28	632	S26 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:04
S29	2234	372/20,23,29.016,29.023.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:23

## EAST Search History

S30	703	S29 and ("Difference-frequency" or "difference frequency" or (difference near4 frequency) or parametric or nonlinear or "non-linear" or "non linear")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:47
S31	232	S30 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:57
S32	471	S30 not S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 16:34
S33	362	"372".clas. and ((fiber near2 amplif\$4) and ((parametric or nonlinear or "non linear" or non-linear) with (crystal or medium or amplif\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:02

*In + Search*

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L42	1	((fiber near2 amplif\$4) and ((parametric near2 amplif\$4) or OPA) and (phase near2 modulat\$3) and array).clm.	US-PGPUB	OR	ON	2006/03/09 11:24
L43	3	((fiber near2 amplif\$4) and ((parametric near2 amplif\$4) or OPA) and (phase near2 modulat\$3)).clm.	US-PGPUB	OR	ON	2006/03/09 11:24